



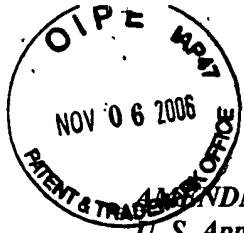
AMENDMENT UNDER 37 C.F.R. § 1.116
U. S. Application No. 10/679,323

ATTORNEY DOCKET NO. Q77822

AMENDMENTS TO THE DRAWINGS

Please find enclosed an annotated version of Fig. 2. A formal replacement drawing is forthcoming. No new matter has been added.

Attachment: Annotated Sheet



AMENDMENT UNDER 37 C.F.R. § 1.116
U. S. Application No. 10/679,323

ATTORNEY DOCKET NO. Q77822

REMARKS

Claims 1-8 are all the claims pending in the present application. In summary, the Examiner maintains many of the same rejections set forth in the previous Office Action, and adds new arguments in the *Response to Arguments* section on page 2 of the present Office Action. Specifically, claims 2 and 8 are rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Fisher (U.S. Patent No. 4,931,805). Claims 1, 3-5, and 7 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Fisher in view of Baratono (U.S. Patent No. 6,549,793). Finally, claim 6 is rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Fisher in view of Baratono and further in view of Wunderlich (U.S. Patent No. 4,931,806).

§ 102(b) Rejections (Fisher) - Claims 2 and 8

Claims 2 and 8 are rejected based on the reasons set forth on page 3 of the present Office Action. Applicant submits that the present invention, as recited in claim 2, is directed to a dedicated short-range communications (DSRC) on-board unit. DSRC is a specific technology area that can be related to a short to medium range wireless protocol specifically designed for automotive use. There is no mention of DSRC anywhere in Fisher.

Further, Applicant amends claim 2 to incorporate DSRC on-board unit into the body of the claim. Applicant submits that this added feature does not require further search and/or consideration, as the Examiner has obviously considered this feature previously since the Examiner comments on this feature in the outstanding Office Action.

With respect to claim 8, the Examiner cites Fig. 4 of Fisher as allegedly satisfying the features set forth in claim 8, which was added in the previous Amendment. However, Applicant

is unsure of what the Examiner believes to be the alleged protruding portion in Fisher that corresponds to the claimed protruding portion. Further, there is no protruding portion that is engaged with the adhesive material only on a circumferential side of the protruding portion. This specific feature is not satisfied by Fisher. Therefore, at least based on the foregoing, Applicant submits that Fisher does not anticipate claim 8.

§ 103(a) Rejections (Fisher/Baratono) - Claims 1, 3-5, and 7

With respect to claim 1, Applicant submits that this claim is patentable at least based on reasons similar to those set forth above with respect to claim 2. Baratono does not make up for the deficiencies of Fisher.

Applicant submits that dependent claims 3-5 and 7 are patentable at least by virtue of their dependencies from independent claim 1.

Further, with respect to claim 7, Applicant submits that claim 7 is patentable at least based on reasons similar to those set forth above with respect to claim 8. Baratono does not make up for the deficiencies of Fisher.

§ 103(a) Rejection - (Fisher/Baratono/Wunderlich) - Claim 6

Claim 6 is rejected based on the reasons set forth on pages 6-7 of the Office Action, and a few new arguments are added in the *Response to Arguments* section of the present Office Action.

First, Applicant submits that dependent claim 6 is patentable at least by virtue of its dependency from independent claim 1. Wunderlich does not make up for the deficiencies of the other applied references.

Further, with respect to claim 6, Applicant previously argued, contrary to the Examiner's assertions, that Wunderlich does not disclose or suggest at least that, "antenna characteristics are

matched by adjusting a shape of said antenna.” Wunderlich only discloses varying an extension of a radiating element to affect antenna efficiency, however Wunderlich does not discuss adjusting a shape of an antenna.

In response, the Examiner alleges:

Regarding arguments section “103a Fisher/Baratono/Wunderlich”, an extension of an antenna element is a change in shape, and is one of the more common ways known in the art to change an antenna's characteristics.

In response, Applicant submits that extending an antenna is not the same as changing a shape of an antenna. Extending an antenna simply means altering its length with respect to other objects. Changing a shape of an antenna, as set forth in claim 6, involves changing a physical geometry of the antenna itself. There is a fundamental difference between extending an element and changing the shape of that same element.

At least based on the foregoing, Applicant submits that none of the applied references, either alone or in combination, render claim 6 unpatentable.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. § 1.116
U. S. Application No. 10/679,323

ATTORNEY DOCKET NO. Q77822

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Diallo T. Crenshaw
Registration No. 52,778

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: November 6, 2006